

# Changes and Reproduction : Science : Year 5

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To recognise the stages of growth and development in humans.	Children will learn about, then order, the main stages in the life cycle of humans. They will then consider and describe factors which may affect the rate of growth in humans.	<ul style="list-style-type: none"> <li>Can children name the main stages in the life cycle of humans?</li> <li>Can children correctly order the main stages?</li> <li>Can children broadly define the age ranges for each of the main stages?</li> <li>Can children explain some of the physical changes that occur at different stages in the life cycle of humans?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheets 1A/1B/1C</li> <li>Newborn Baby worksheet (FSD? activity only)</li> <li>Books, websites etc. about babies (FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To know the stages in the gestation period of humans and compare them to other animals.	Children will learn about sexual reproduction, fertilisation and pregnancy for humans. They may then compare the gestation periods of humans with other animals.	<ul style="list-style-type: none"> <li>Can children describe the main stages of gestation in humans?</li> <li>Can children explain how embryos and fetuses grow and develop in the womb?</li> <li>Can children define and use key vocabulary to describe gestation in humans?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheets 2A/2B/2C</li> <li>Gestation Periods cards (FSD? activity only)</li> <li>Sticky notes and digital cameras (FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To recognise the stages of development during childhood and understand the needs of children at those stages.	Children will learn about changes during infancy and childhood, then consider the needs of children, and how these change over time as they develop.	<ul style="list-style-type: none"> <li>Can children describe the needs of a newborn baby?</li> <li>Can they compare the needs of a human baby to those of other mammals?</li> <li>Can they describe the stages of development that occur during childhood?</li> <li>Can they describe how the needs of humans change at different points in their life cycle?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheets 3A/3B/3C</li> <li>Childhood Fact Sheet (FSD? activity only)</li> <li>Typical Day Agenda worksheet (FSD? activity only)</li> </ul>
<b>Lesson 4</b>	To understand the initial changes inside and outside of the body during puberty.	Children will learn about the roles of some hormones in the body, and how they affect changes in boys and girls at the start of puberty. They will also identify and describe or label changes that occur inside and outside the body.	<ul style="list-style-type: none"> <li>Can children explain the initial changes that occur inside and outside the body at the start of puberty?</li> <li>Can children correctly identify the parts of the body that change during puberty?</li> <li>Can children explain in simple terms the role played by hormones in the growth of humans and other animals?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheets 4A/4B/4C</li> <li>Puberty: Initial Changes</li> <li>Comic Strip (FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To know the changes that occur during puberty and how they differ for boys and girls.	Children will learn about later changes during puberty and adolescence, including sperm production and menstruation. They will then consider and describe ways in which children can stay fit and healthy during puberty.	<ul style="list-style-type: none"> <li>Can children remember some of the initial changes during puberty?</li> <li>Can children explain some of the ways in which boys' and girls' bodies start to differ during puberty?</li> <li>Can children suggest some ways in which teenagers can look after themselves and stay fit and healthy during puberty?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheets 5A/5B/5C</li> <li>Keeping Fit</li> <li>Puberty Problems (FSD? activity only)</li> </ul>
<b>Lesson 6</b>	To understand how the body changes during adulthood and old age.	Children will learn about some changes in the body that occur during adulthood and old age. They may then either describe ways in which they may change as they get older, or discuss some problems associated with stereotypical views regarding the elderly.	<ul style="list-style-type: none"> <li>Can children explain some ways in which the body changes during old age?</li> <li>Can children describe some ways in which older people can stay fit and healthy?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheets 6A/6B/6C</li> <li>Photographs of children in your class (optional)</li> <li>Old-age Stereotypes (FSD? activity only)</li> </ul>